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***** STN Columbus *****

FILE 'HOME' ENTERED AT 20:44:20 ON 14 JUL 2005

=> fil reg
COST IN U.S. DOLLARS SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 20:44:42 ON 14 JUL 2005
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2
DICTIONARY FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

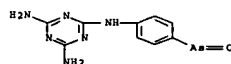
* The CA roles and document type information have been removed from *
* the IDE default display format and the SD field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> e gsao
E1 1 GSAN/BI
E2 15 GSANON/BI
E3 2 --> GSAO/BI
E4 1 GSASATAP2A/BI
E5 1 GSASATAP2B/BI

NAME)
OTHER CA INDEX NAMES:
CN Melamine, (p-arsenosophenyl)- (6CI, 7CI, 8CI)
OTHER NAMES:
CN (p-Arsenosophenyl)melamine
CN 2-(p-Arsenosophenyl)-4,6-diamino-s-triazine
CN 3177 R.P.
CN Friedheim 2065
CN Melarsen oxide
CN Melarsenoxyl
CN Melox
CN NSC 34642
MF C9 H9 As N6 O
CI CCM
LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CIN, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IMSCOSEARCH, MEDLINE, PROMT, RTECS*, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS*
(*Enter CHEMLIST File for up-to-date regulatory information)



69 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
69 REFERENCES IN FILE CAPLUS (1907 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> s [p-(4,6-diamino-s-triazinyl-2-yl)aminophenylarsenoxide]
MISSING OPERATOR '[P-(4,6-DIAMIN'
=> s p-4,6-diamino-s-triazinyl-2-ylaminophenylarsenoxide
966034 P
282900 4,6
82421 DIAMINO
1 DIAMINOS
82421 DIAMINO
(DIAMINO OR DIAMINOS)
2086350 S
172 TRIAZINYL
18868294 2
0 YLAMINOPHENYLARSENOXIDE
L2 0 P-4,6-DIAMINO-S-TRIAZINYL-2-YLAMINOPHENYLARSENOXIDE
(P(W)4,6(W)DIAMINO(W)S(W)TRIAZINYL(W)2(W)YLAMINOPHENYLARSENOXI
DE)
=> s aminophenylarsenoxide
0 AMINOPHENYLARSENOXIDE
L3 0 AMINOPHENYLARSENOXIDE

***** Welcome to STN International *****
NEWS 1 Web Page URLS for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 28 PATDPAPFULL - New display fields provide for legal status
data from INPADOC
NEWS 4 FEB 28 EMBASE - Current-awareness alerts (SDIs) available
NEWS 5 MAR 02 GBFULL: New full-text patent database on STN
NEWS 6 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 9 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 10 MAR 22 PATDPASPC - New patent database available
NEWS 11 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 12 APR 04 EPFULL enhanced with additional patent information and new
fields
NEWS 13 APR 04 EMBASE - Database reloaded and enhanced
NEWS 14 APR 18 New CAS Information Use Policies available online
NEWS 15 APR 25 Patent searching, including current-awareness alerts (SDIs),
based on application date in CA/CAPLUS and USPATFULL/USPAT2
may be affected by a change in filing date for U.S.
applications.
NEWS 16 APR 28 Improved searching of U.S. Patent Classifications for
U.S. patent records in CA/CAPLUS
NEWS 17 MAY 23 GBFULL enhanced with patent drawing images
NEWS 18 MAY 23 REGISTRY has been enhanced with source information from
CHEMCATS
NEWS 19 JUN 06 The Analysis Edition of STN Express with Discover!
(Version 8.0 for Windows) now available
NEWS 20 JUN 13 RUSSIPAT: New full-text patent database on STN
NEWS 21 JUN 13 FRFULL enhanced with patent drawing images
NEWS 22 JUN 27 MARPAT displays enhanced with expanded G-group definitions
and text labels
NEWS 23 JUL 01 MEDICINF removed from STN
NEWS 24 JUL 07 STN Patent Forums to be held in July 2005
NEWS 25 JUL 13 SCISEARCH reloaded
NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN

E6 2 GSASB/BI
E7 4 GSAT/BI
E8 2 GSATROKINE/BI
E9 1 GSAYU/BI
E10 14 GSB/BI
E11 1 GSB07/BI
E12 1 GSB08/BI
=> e gsao/cn
E1 1 GSAG/CN
E2 1 GSAN/CN
E3 0 --> GSAO/CN
E4 1 GSATROKINE 1 (RATTUS NORVEGICUS STRAIN SPRAGUE-DAWLEY STOMACH
H GENE GKN1 PRECURSOR)/CN
E5 1 GSAYU/CN
E6 1 GSB 40H/CN
E7 1 GSBT/CN
E8 1 GSC 103/CN
E9 1 GSC 112/CN
E10 1 GSC 144/CN
E11 2 GSC 150/CN
E12 1 GSC 17/CN
=> e melarsen oxide
E1 1 MELARSAPROL/BI
E2 4 MELARSEN/BI
E3 0 --> MELARSEN OXIDE/BI
E4 1 MELARSEN OXIDE/BI
E5 1 MELARSEN OXIDE/BI
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E7 2 MELARSEN OXIDE/BI
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E10 1 MELARSEN OXIDE/BI
E11 1 MELARSEN OXIDE/BI
E12 2 MELARSEN OXIDE/BI
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E2 1 MELARSEN B/CN
E3 1 --> MELARSEN OXIDE/CN
E4 1 MELARSEN OXIDE CYSTEAMINE/CN
E5 1 MELARSEN OXIDE/CN
E6 1 MELARSEN OXIDE/CN
E7 1 MELARSEN OXIDE DIHYDROCHLORIDE/CN
E8 1 MELARSEN OXIDE/CN
E9 1 MELARSEN OXIDE POTASSIUM/CN
E10 1 MELARSEN OXIDE POTASSIUM SALT/CN
E11 1 MELARSEN OXIDE/CN
E12 1 MELARSEN OXIDE B/CN
=> e e3
L1 1 *MELARSEN OXIDE*/CN
=> d li ide
L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS ON STN
RN 21840-08-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosophenyl)- (9CI) (CA INDEX

BEST AVAILABLE COPY

--> aminophenylarsenoxide/cn
L4 0 AMINOPHENYLARSENOXIDE/CN

--> fil hcapius
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL
FULL ESTIMATED COST 49.99 50.20

FILE 'HCAPLUS' ENTERED AT 20:47:27 ON 14 JUL 2005
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FILE COVERS 1907 - 14 Jul 2005 VOL 143 ISS 3
FILE LAST UPDATED: 13 Jul 2005 (20050713/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

--> s l1; all <chem>
L5 69 L1

MISSING TERM AFTER <CHEM>
Operators must be followed by a search term, L-number, or query name.

--> s l1; s l1 <chem>
L6 .69 L1

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See HELP TRANSFER and HELP ANALYZE for Details

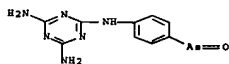
COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL
FULL ESTIMATED COST 2.45 52.65

FILE 'REGISTRY' ENTERED AT 20:47:45 ON 14 JUL 2005
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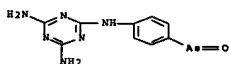
SEL L1 1- CHEM
L7 SEL L1 1- CHEM : 9 TERMS

US 5663155 A 19970902 US 1994-351068 19941130
US 5679648 A 19971021 US 1994-351067 19941130
CA 2206511 AA 19960606 CA 1995-2206511 19951130 <--
AU 9642411 A1 19960619 AU 1996-42411 19951130 <--
EP 794787 A1 19970917 EP 1995-940768 19951130 <--
EP 794787 B1 20030205
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE
JP 10511345 T2 19981104 JP 1995-518891 19951130 <--
AT 232104 E 20030215 AT 1995-940768 19951130 <--
PRIORITY APPLN. INFO.:
US 1994-351067 A 19941130 <--
US 1994-351068 A 19941130 <--
WO 1995-US15116 W 19951130 <--

OTHER SOURCE(S): MARPAT 125:105162
IT 21840-08-4, Melarsen oxide 21840-08-4D
, Melarsen oxide, deriva.
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(compns. with adenosine deriva. and deaminase inhibitors for the
treatment of parasitic and fungal infections and neoplasms)
RN 21840-08-4 HCAPLUS
CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosophenyl)- (9CI) (CA INDEX
NAME)



RN 21840-08-4 HCAPLUS
CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosophenyl)- (9CI) (CA INDEX
NAME)



L12 ANSWER 2 OF 6 HCAPLUS COPYRIGHT 2005 ACS ON STN
ACCESSION NUMBER: 1993:588567 HCAPLUS Full-text
DOCUMENT NUMBER: 119:188567
TITLE: Medicinal products containing melarsomine dihydrochloride and process for obtaining pure compound.
INVENTOR(S): Floc, H. Robert; Etchegaray, Jean Pierre; Wolf, Gerard; Lubert, Patrick; Jackie, Regine; Mazars, Anne Marie
PATENT ASSIGNEE(S): Rhone Merieux, Fr.
SOURCE: Can. Pat. Appl., 21 pp.
CODEN: CPXXEB
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL
FULL ESTIMATED COST 10.93 63.58

FILE 'HCAPLUS' ENTERED AT 20:47:45 ON 14 JUL 2005
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S L7
L8 107 L7
--> 16 or 18
L9 107 L6 OR L8
--> 19 and pd<20000920
20571187 PD<20000920
(PD<20000920)
L10 97 L9 AND PD<20000920
--> 19 and pd<19990920
19691961 PD<19990920
(PD<19990920)
L11 88 L9 AND PD<19990920
--> 19 and prd<19990920
2813909 PRD<19990920
(PRD<19990920)
L12 6 L9 AND PRD<19990920

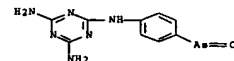
--> d l12 1-6 ibib hitetr

L12 ANSWER 1 OF 6 HCAPLUS COPYRIGHT 2005 ACS ON STN
ACCESSION NUMBER: 1996:476838 HCAPLUS Full-text
DOCUMENT NUMBER: 125:105162
TITLE: Compositions with adenosine derivatives and deaminase inhibitors for the treatment of parasitic and fungal infections and neoplasms
INVENTOR(S): McCaffrey, Ronald P.; Wigzell, Hans L. R.; Sugar, Alan M.
PATENT ASSIGNEE(S): University Hospital, USA
SOURCE: PCT Int. Appl., 51 pp.
CODEN: PIXXKD
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9616664	A1	19960606	WO 1995-US15116	19951130 <--
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GR, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT				
RM: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CA 2083766	AA	19930603	CA 1992-2083766	19921125 <--
CA 2083766	C	20020910		
FR 2684382	A1	19930604	FR 1991-14904	19911202
FR 2684382	B1	19941021		
ES 2039311	A1	19930916	ES 1992-2376	19921125 <--
ES 2039311	B1	19970816		
AU 9229720	A1	19930603	AU 1992-29720	19921127 <--
AU 667329	B2	19960321		
BR 9204643	A	19930608	BR 1992-4643	19921201 <--
JP 06024960	A2	19940201	JP 1992-349866	19921202 <--
JP 3578277	B2	20041020		
US 5459263	A	19951017	US 1992-984934	19921202 <--
US 5635499	A	19970603	US 1995-459797	19950602 <--
AU 9656149	A1	19960822	AU 1996-56149	19960621 <--
AU 700833	B2	19990114		
US 5770733	A	19980623	US 1996-707613	19960905 <--
PRIORITY APPLN. INFO.:			FR 1991-14904	A 19911202 <--
			US 1992-984934	A3 19921202 <--
			US 1995-459797	A3 19950602 <--

IT 21840-08-4P, Melarsen oxide
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, with cysteamine)
RN 21840-08-4 HCAPLUS
CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosophenyl)- (9CI) (CA INDEX
NAME)



L12 ANSWER 3 OF 6 HCAPLUS COPYRIGHT 2005 ACS ON STN
ACCESSION NUMBER: 1991:247542 HCAPLUS Full-text
DOCUMENT NUMBER: 114:247542
TITLE: Preparation of dithiaresepene derivatives and analogs as parasiticides
INVENTOR(S): Maes, Ludo; Hamers, Raymond; Bajjans-Songa, Emmanuel Belg.
PATENT ASSIGNEE(S): Fr. Demande, 12 pp.
SOURCE: CODEN: FRXXBL
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
FR 2640269	A1	19900615	FR 1988-16406	19881213
FR 2640269	B1	19910315		
WO 9006931	A1	19900628	WO 1989-EP1541	19891213 <--
W: JP, US				
RM: AT, BE, CH, DE, ES, FR, GB, IT, LU, NL, SE				

EP 448583 A1 19911002 EP 1990-900160 19891213 <--
R: AT, BE, CH, DE, ES, FR, GB, IT, LI, LU, NL, SE
JP 04502311 T2 19920423 JP 1990-500800 19891213 <--
US 5281588 A 19940125 US 1991-689275 19910726 <--
PRIORITY APPLN. INFO.: FR 1988-16406 A 19881213 <--
WO 1989-EP1541 W 19891213 <--

OTHER SOURCE(S): CASREACT 114:247542; MARPAT 114:247542

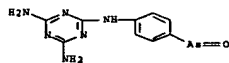
IT 21840-08-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(cyclocondensation of, with dimercaptobutanediol)

RN 21840-08-4 HCAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosphenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 4 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1984:121117 HCAPLUS Full-text

DOCUMENT NUMBER: 100:121117

TITLE: (Arenophenyl)melamines

INVENTOR(S): Friedheim, Ernst A. H.

PATENT ASSIGNER(S): Rockefeller University, USA

SOURCE: PCT Int. Appl., 22 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 8303606	A1	19831027	WO 1983-US505	19830411 <--
W: JP				
RW: AT, BE, CF, CG, CH, CM, DE, FR, GA, GB, LU, NL, SE, SN, TD, TG				
US 4514390	A	19850430	US 1982-367562	19820412
JP 59500519	T2	19840329	JP 1983-501605	19830411 <--
JP 63065073	B4	19881214		
EP 105912	A1	19840425	EP 1983-901552	19830411 <--
EP 105912	B1	19860611		
R: AT, BE, CH, DE, FR, GB, LI, LU, NL, SE				
AT 20348	E	19860615	AT 1983-901552	19830411 <--
PRIORITY APPLN. INFO.:				
US 1982-367562 A 19820412 <--				
EP 1983-901552 A 19830411 <--				
WO 1983-US505 W 19830411 <--				

OTHER SOURCE(S): CASREACT 100:121117

IT 21840-08-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(condensation of, with aminoalkanethiols)

RN 21840-08-4 HCAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosphenyl)- (9CI) (CA INDEX NAME)

DE 2232988	A1	19730125	DE 1972-2232988	19720705 <--
CH 560722	A	19750415	CH 1971-10701	19710720
US 3974148	A	19760810	US 1972-270820	19720711 <--
ZA 7204790	A	19730328	ZA 1972-4790	19720712 <--
AU 7244462	A1	19740117	AU 1972-44462	19720712 <--
NL 7209786	A	19730123	NL 1972-9786	19720714 <--
FR 2150705	A1	19730413	FR 1972-25868	19720718 <--
US 3883650	A	19750513	US 1972-272726	19720718 <--
BE 786473	A1	19721116	BE 1972-120034	19720719 <--
DD 99926	C	19730905	DD 1972-164532	19720719 <--
DD 100268	C	19730912	DD 1972-164533	19720719 <--
ZA 7204983	A	19730926	ZA 1972-4983	19720719 <--
AU 7244701	A	19740124	AU 1972-44701	19720719 <--
HU 164895	P	19740528	HU 1972-F1521	19720719 <--
GB 1392515	A	19750430	GB 1972-33817	19720719 <--
BE 786573	A1	19730122	BE 1972-120129	19720720 <--
NL 7210029	A	19730123	NL 1972-10029	19720720 <--
FR 2146416	A1	19730302	FR 1972-26178	19720720 <--
JP 48035020	A2	19730523	JP 1972-72987	19720720 <--
BR 7204817	A0	19730531	BR 1972-4817	19720720 <--
AT 311377	B	19731112	AT 1972-6277	19720720 <--
PRIORITY APPLN. INFO.:				
CH 1971-10701 A 19710720 <--				

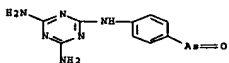
IT 21840-08-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(reaction with penicillamine)

RN 21840-08-4 HCAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosphenyl)- (9CI) (CA INDEX NAME)



=> fil reg

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	ENTRY	TOTAL
86.49	SESSION	150.07

FILE 'REGISTRY' ENTERED AT 21:03:51 ON 14 JUL 2005
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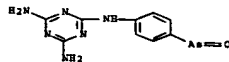
Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2
DICTIONARY FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when



L12 ANSWER 5 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1975:90069 HCAPLUS Full-text

DOCUMENT NUMBER: B2:90069

TITLE: Combating filariasis in dogs

INVENTOR(S): Friedheim, Ernst A. H.

SOURCE: U.S., 3 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3842171	A	19741015	US 1973-339843	19730309
US 3856971	A	19741224	US 1973-380364	19730718 <--
JP 49117609	A2	19741111	JP 1973-85356	19730727 <--
JP 57038562	B4	19820816		
US 4151188	A	19790424	US 1974-488067	19740712 <--
PRIORITY APPLN. INFO.:				
US 1973-339843 A2 19730309 <--				
US 1973-380364 A3 19730718 <--				

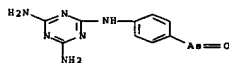
IT 21840-08-4

RL: BIOL (Biological study)

(antifilarial composition containing)

RN 21840-08-4 HCAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosphenyl)- (9CI) (CA INDEX NAME)



L12 ANSWER 6 OF 6 HCAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1973:97809 HCAPLUS Full-text

DOCUMENT NUMBER: 78:97809

TITLE: Filaricidal and trypanocidal phenylarsines

INVENTOR(S): Friedheim, Ernst A. H.

SOURCE: Ger. Offen., 14 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
------------	------	------	-----------------	------

conducting SmartSELECT searches.

* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added. *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *

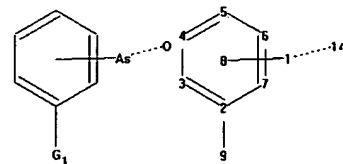
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/CHLINE/DBSS/registryas.html>

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Uploading H:\STN queries\10088540.str



chain nodes :
1 9 10 11 14
ring nodes :
2 3 4 5 6 7
chain bonds :
1-14 2-9 10-11
ring bonds :
2-3 2-7 3-4 4-5 5-6 6-7
exact/norm bonds :
1-14 2-9 10-11
normalized bonds :
2-3 2-7 3-4 4-5 5-6 6-7

G1:NH, [1]

Match level :

1:CLASS 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:CLASS 9:CLASS 10:CLASS 11:CLASS 14:CLASS

L13 STRUCTURE UPLOADED

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 SAMPLE SCREEN SEARCH COMPLETED - 272 TO ITERATE

100.0% PROCESSED 272 ITERATIONS 50 ANSWERS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETS**
 BATCH **COMPLETS**
 PROJECTED ITERATIONS: 4451 TO 6429
 PROJECTED ANSWERS: 720 TO 1640.

L14 50 SEA SSS SAM L13

=> # 113 ful
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 FULL SCREEN SEARCH COMPLETED - 5815 TO ITERATE

100.0% PROCESSED 5815 ITERATIONS 1238 ANSWERS
 SEARCH TIME: 00.00.01

L15 1238 SEA SSS FUL L13

=> fil hcaplus beilstein
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 ENTRY SESSION
 FULL ESTIMATED COST 161.33 311.40

FILE 'HAPLUS' ENTERED AT 21:04:30 ON 14 JUL 2005
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FILE 'BEILSTEIN' ENTERED AT 21:04:30 ON 14 JUL 2005
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 licensed to Beilstein GmbH and MDL Information Systems GmbH

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 L17 73 L16 AND PRD<19990920

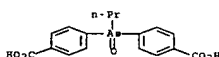
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 L18 2333 L16 AND PD<19990920

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 L19 2302 L16 AND PD<19980920

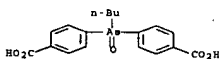
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L19 ANSWER 1 OF 2302 HCAPLUS COPYRIGHT 2005 ACS on STN

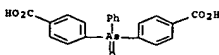
RL: RCT (Reactant); RACT (Reactant or reagent)
 (chlorination with thionyl chloride)
 RN 77205-40-4 HCAPLUS
 CN Benzoic acid, 4,4'-(propylarsinylidene)bis- (9CI) (CA INDEX NAME)



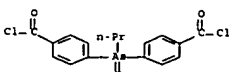
RN 77205-42-6 HCAPLUS
 CN Benzoic acid, 4,4'-(butylarsinylidene)bis- (9CI) (CA INDEX NAME)



IT 263765-35-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation and chlorination with thionyl chloride)
 RN 263765-35-1 HCAPLUS
 CN Benzoic acid, 4,4'-(phenylarsinylidene)bis- (9CI) (CA INDEX NAME)



IT 263765-36-2P 263765-37-3P 263765-38-4P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 263765-36-2 HCAPLUS
 CN Hydrochloric acid, compd. with 4,4'-(propylarsinylidene)bis(benzoyl
 chloride) (1:1) (9CI) (CA INDEX NAME)

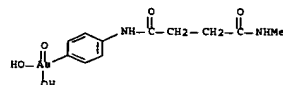


● HCl

ACCESSION NUMBER: 2002:730563 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 137:248806
 TITLE: Chlorine-free, zero VOC, waterborne adhesion promoter
 for polyolefinic substrates
 INVENTOR(S): Jackson, Michael L.; Stubbs, Frank A.; Mecozzi, Joseph
 M.; Miklos, David J.; Neymark, Alexander L.
 PATENT ASSIGNEE(S): Rohm and Haas Company, USA
 SOURCE: U.S., 7 pp., Cont.-in-part of U.S. Ser. No. 428,748,
 abandoned.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6455614	B1	20020924	US 1998-154238	19980916
US 5709946	A	19980120	US 1995-381810	19950201 <-
PRIORITY APPLN. INFO.:			US 1995-381810	A3 19950201
			US 1995-428748	B2 19950425

IT 5860-18-4, Neocryl
 RL: TEM (Technical or engineered material use); USES (Uses)
 (emulsion; chlorine-free, zero VOC, waterborne adhesion promoter for
 polyolefinic substrates)
 RN 5860-18-4 HCAPLUS
 CN Aroenic acid, [4-[[4-(methylamino)-1,4-dioxobutyl]amino]phenyl]-,
 monosodium salt (9CI) (CA INDEX NAME)

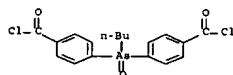


● Na

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS
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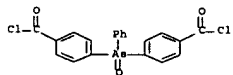
L19 ANSWER 2 OF 2302 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 2000:109529 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 132:279288
 TITLE: Arsenic-containing dicarboxylic acids and synthesis of
 dichloro anhydrides
 AUTHOR(S): Alavidze, T.; Goglashvili, T.; Vashniov, V.
 CORPORATE SOURCE: Tbilisi I. Javakishvili State University, Georgia
 SOURCE: Bulletin of the Georgian Academy of Sciences (1998), 158(3), 430-432
 CODEN: BGASFC; ISSN: 1560-0262
 PUBLISHER: Georgian Academy of Sciences
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 77205-40-4 77205-42-6

RN 263765-37-3 HCAPLUS
 CN Hydrochloric acid, compd. with 4,4'-(butylarsinylidene)bis(benzoyl
 chloride) (1:1) (9CI) (CA INDEX NAME)



● HCl

RN 263765-38-4 HCAPLUS
 CN Hydrochloric acid, compd. with 4,4'-(phenylarsinylidene)bis(benzoyl
 chloride) (1:1) (9CI) (CA INDEX NAME)



● HCl

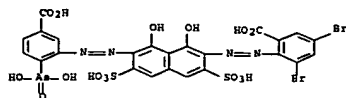
REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 3 OF 2302 HCAPLUS COPYRIGHT 2005 ACS on STN
 ACCESSION NUMBER: 1999:723909 HCAPLUS [Full-text](#)
 DOCUMENT NUMBER: 131:306510
 TITLE: A color developing reagent for determination of trace
 cerium-group rare-earth elements
 INVENTOR(S): Huang, Yongfei; Pan, Jiaomai; Liu, Yong; Yang, Xiuqing
 PATENT ASSIGNEE(S): Baoshan Iron and Steel (Group) Corp., Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 17 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

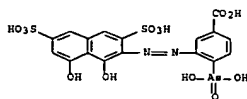
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1138586	A	19961225	CN 1996-100802	19960122 <-
CN 1045091	B	19990915		
PRIORITY APPLN. INFO.:			CN 1996-100802	19960122

IT 247151-34-4P
 RL: ARG (Analytical reagent use); SPN (Synthetic preparation); ANST
 (Analytical study); PREP (Preparation); USES (Uses)
 (color developing reagent for determination of trace cerium-group rare-
 earth

elements by spectrophotometry)
 RN 247151-34-4 HCAPLUS
 CN Benzoic acid, 2-[[7-[(2-arseno-5-carboxyphenyl)azo]-1,8-dihydroxy-3,6-disulfo-2-naphthalenyl]azo]-3,5-dibromo- (9CI) (CA INDEX NAME)

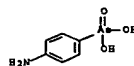


IT 125507-50-8
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (color developing reagent for determination of trace cerium-group rare-earth elements by spectrophotometry)
 RN 125507-50-8 HCAPLUS
 CN Benzoic acid, 4-arseno-3-[(1,8-dihydroxy-3,6-disulfo-2-naphthalenyl)azo]- (9CI) (CA INDEX NAME)



L19 ANSWER 4 OF 2302 HCAPLUS COPYRIGHT 2005 ACS ON STN
 ACCESSION NUMBER: 1999:341699 HCAPLUS Full-text
 DOCUMENT NUMBER: 131:96489
 TITLE: Anion analysis by capillary electrophoresis and conductivity detection or ICP MS coupling
 AUTHOR(S): Schlegel, D.; Mattusch, J.
 CORPORATE SOURCE: UFZ-Umweltforschungszentrum Leipzig-Halle, Leipzig, 04318, Germany
 SOURCE: Spurenanalytische Bestimmung von Ionen: Ionenchromatographie und Kapillarelektrophorese, Proceedings der Fachtagung "Ionanalyse mit Chromatographie und Kapillarelektrophorese", Munich, Jan. 16-17, 1996 (1997), Meeting Date 1996, 42-49. Editor(s): Ketrup, Antonius; Weiss, Joachim; Jensen, Detlef. Ecomed Verlagsgesellschaft AG & Co. KG: Landsberg, Germany.
 CODEN: 67QHJM
 DOCUMENT TYPE: Conference
 LANGUAGE: German
 IT 98-50-0, Arsonic acid, (4-aminophenyl)-
 RL: ANT (Analyte); ANST (Analytical study)
 (determination of; in capillary electrophoresis with elec. conductivity or

ICP MS
 detection for anion anal. and As and Se speciation)
 RN 98-50-0 HCAPLUS
 CN Arsonic acid, (4-aminophenyl)- (9CI) (CA INDEX NAME)

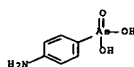


REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L19 ANSWER 5 OF 2302 HCAPLUS COPYRIGHT 2005 ACS ON STN
 ACCESSION NUMBER: 1999:232136 HCAPLUS Full-text
 DOCUMENT NUMBER: 130:236765
 TITLE: Premixing material for fodder compound additive
 INVENTOR(S): Zou, Xinhua
 PATENT ASSIGNEE(S): Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 8 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
CN 1124099	A	19960612	CN 1995-115792	19951024 <-
PRIORITY APPLN. INFO.:			CN 1995-115792	19951024

IT 98-50-0, Atoxylic acid
 RL: FFD (Food or feed use); BIOL (Biological study); USES (Uses)
 (premixing material for fodder compound additive)
 RN 98-50-0 HCAPLUS
 CN Arsonic acid, (4-aminophenyl)- (9CI) (CA INDEX NAME)



=> fil reg
 COST IN U.S. DOLLARS
 FULL ESTIMATED COST
 SINCE FILE
 ENTRY
 TOTAL
 SESSION
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FILE 'REGISTRY' ENTERED AT 21:06:19 ON 14 JUL 2005
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STRUCTURE FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2
 DICTIONARY FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

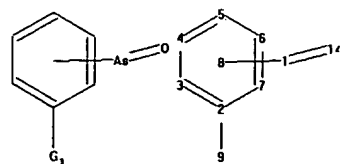
Please note that search-term pricing does apply when conducting SmartSELECT searches.

.....
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registrvss.html>

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 . 1 = 0 . 1 = 11
 . 10 = 11



chain nodes :
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 ring nodes :
 2 3 4 5 6 7
 chain bonds :
 1-14 2-9 10-11

ring bonds :
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 exact/norm bonds :
 1-14 2-9 10-11
 normalized bonds :
 2-3 2-7 3-4 4-5 5-6 6-7

G1:NH, [1]

Match level :
 1:CLASS 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 14:CLASS

L20 STRUCTURE UPLOADED

=> s 120 ful
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 FULL SCREEN SEARCH COMPLETED - 5815 TO ITERATE

100.0% PROCESSED 5815 ITERATIONS 153 ANSWERS
 SEARCH TIME: 00.00.01

L21 153 SEA SSS FUL L20

=> fil hcaplus
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 FULL ESTIMATED COST
 SINCE FILE
 ENTRY
 TOTAL
 SESSION
 161.33 521.85

FILE 'HCAPLUS' ENTERED AT 21:06:35 ON 14 JUL 2005
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FILE COVERS 1907 - 14 Jul 2005 VOL 143 ISS 3
 FILE LAST UPDATED: 13 Jul 2005 (20050713/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

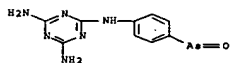
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425953 PEPTIDE
(PEPTIDE OR PEPTIDES)
L24 3 L23 AND PEPTIDE

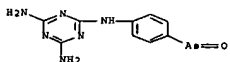
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L24 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS ON STN
ACCESSION NUMBER: 1999:19680 HCAPLUS Full-text
DOCUMENT NUMBER: 130:178997
TITLE: A mass spectrometric approach to the characterization
of protein folding reactions
AUTHOR(S): Happersberger, H. Peter; Glocker, Michael O.
CORPORATE SOURCE: Faculty of Chemistry, University of Konstanz,
Konstanz, D-78457, Germany
SOURCE: European Mass Spectrometry (1999), 4(3),
209-214
CODEN: EMSPPV; ISSN: 1356-1049
PUBLISHER: IM Publications
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 21840-08-4, Melarsen oxide
RL: BUU (Biological use, unclassified); PEP (Physical, engineering or
chemical process); BIOL (Biological study); PROC (Process); USES (Uses)
(complexes with BPTI; mass spectrometric approach to the
characterization of protein folding reactions)
RN 21840-08-4 HCAPLUS
CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosophenyl)- (9CI) (CA INDEX
NAME)



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS ON STN
ACCESSION NUMBER: 1998:785229 HCAPLUS Full-text
DOCUMENT NUMBER: 130:105406
TITLE: Characterization of the folding pathway of recombinant
human macrophage-colony stimulating-factor β
(rhM-CSF β) by bis-cysteinylation and
mass spectrometry
AUTHOR(S): Happersberger, H. Peter; Stapleton, Janet; Cowgill,
Cynthia; Glocker, Michael O.
CORPORATE SOURCE: Faculty of Chemistry, University of Konstanz,
Konstanz, Germany



REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 20:44:42 ON 14 JUL 2005

R GSAO
R GSAO/CN
R MELARSEN OXIDE
R MELARSEN OXIDE/CN
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D L1 IDS
L2 0 SEA PLU-ON P-4,6-DIAMINO-S-TRIAZINYL-2-YLAMINOPHENYLARSENIOXIDE

L3 0 SEA PLU-ON AMINOPHENYLARSENIOXIDE
L4 0 SEA PLU-ON AMINOPHENYLARSENIOXIDE/CN

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L5 69 SEA PLU-ON L1
L6 69 SEA PLU-ON L1

FILE 'REGISTRY' ENTERED AT 20:47:45 ON 14 JUL 2005

L7 SEL PLU-ON L1 1- CHEM : 9 TERMS

FILE 'HCAPLUS' ENTERED AT 20:47:45 ON 14 JUL 2005

L8 107 SEA PLU-ON L7
L9 107 SEA PLU-ON L6 OR L8
L10 97 SEA PLU-ON L9 AND PD<20000920
L11 88 SEA PLU-ON L9 AND PD<19990920
L12 6 SEA PLU-ON L9 AND PRD<19990920
D L12 1-6 IBIB HITSTR

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STRUCTURE UPLOADED
L13 50 SEA SSS SAM L13
L15 1238 SEA SSS FUL L13

FILE 'HCAPLUS, BRILSTEIN' ENTERED AT 21:04:30 ON 14 JUL 2005

L16 2786 SEA PLU-ON L15
L17 73 SEA PLU-ON L16 AND PRD<19990920
L18 2333 SEA PLU-ON L16 AND PD<19990920
L19 2302 SEA PLU-ON L16 AND PD<19980920
D L19 1-5 IBIB HITSTR

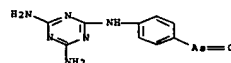
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FILE 'HCAPLUS' ENTERED AT 21:06:35 ON 14 JUL 2005

L22 431 SEA PLU-ON L21

SOURCE: Proteins: Structure, Function, and Genetics (1998), (Suppl. 2), 50-62
CODEN: PSFQST; ISSN: 0887-3585
PUBLISHER: Wiley-Liss, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 21840-08-4, Melarsen oxide
RL: ARG (Analytical reagent use); ANST (Analytical study); USES (Uses)
(recombinant human macrophage-CSF β folding pathway
characterization by bis-cysteinylation with melarsen oxide and
mass spectrometry)
RN 21840-08-4 HCAPLUS
CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosophenyl)- (9CI) (CA INDEX
NAME)



REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L24 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS ON STN

ACCESSION NUMBER: 1998:778185 HCAPLUS Full-text

DOCUMENT NUMBER: 130:136246

TITLE: Selective bridging of bis-cysteinylation residues by
arsenous acid derivatives as an approach to the
characterization of protein tertiary structures and
folding pathways by mass spectrometry

AUTHOR(S): Happersberger, H. Peter; Przybylski, Michael; Glocker,
Michael O.

CORPORATE SOURCE: Faculty of Chemistry, University of Konstanz,
Konstanz, D-78547, Germany

SOURCE: Analytical Biochemistry (1998), 264(2),
237-250
CODEN: ANBCA2; ISSN: 0003-2697

PUBLISHER: Academic Press

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 21840-08-4, Melarsen oxide

RL: ARG (Analytical reagent use); BUU (Biological use, unclassified); RCT
(Reactant); ANST (Analytical study); BIOL (Biological study); RACT
(Reactant or reagent); USES (Uses)
(bridging of bis-cysteinylation residues by arsenous acid deriva. for
determination
of protein tertiary structures by mass spectrometry)

RN 21840-08-4 HCAPLUS

CN 1,3,5-Triazine-2,4,6-triamine, N-(4-arsenosophenyl)- (9CI) (CA INDEX
NAME)

L23 403 SEA PLU-ON L22 AND PD<19980920

L24 3 SEA PLU-ON L23 AND PEPTIDE
D L24 1-3 IBIB HITSTR

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2
DICTIONARY FILE UPDATES: 13 JUL 2005 HIGHEST RN 854992-86-2

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TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

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conducting SmartSELECT searches.

* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDRL, is now *
* available and contains the CA role and document type information. *

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

FILE HCAPLUS

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FILE COVERS 1907 - 14 Jul 2005 VOL 143 ISS 3

FILE LAST UPDATED: 13 Jul 2005 (20050713/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

FILE BRILSTEIN

FILE RELOADED ON OCTOBER 20, 2002

FILE LAST UPDATED ON APRIL 21, 2005

FILE COVERS 1771 TO 2004.
FILE CONTAINS 9,219,366 SUBSTANCES

>>>PLEASE NOTE: Reaction Data and substance data are stored in separate documents and can not be searched together in one query. Reaction data for BEILSTEIN compounds may be displayed immediately with the display codes PRE (preparations) and REA (reactions). A substance answer set retrieved after the search for a chemical name, a compounds with available reaction information by combining with PRE/FA, REA/FA or more generally with RX/FA. The BEILSTEIN Registry Number (BRN) is the link between a BEILSTEIN compound and belonging reactions. For no detailed reaction searches BRNs can be searched as reaction partner BRNs Reactant BRN (RX.RBRN) or Product BRN (RX.PBRN).<<<

>>> FOR SEARCHING PREPARATIONS SEE HELP PRE <<<

* PLEASE NOTE THAT THERE ARE NO FORMATS FREE OF COST. *
* SET NOTICE FEATURE: THE COST ESTIMATES CALCULATED FOR SET NOTICE *
* ARE BASED ON THE HIGHEST PRICE CATEGORY. THEREFORE, THESE *
* ESTIMATES MAY NOT REFLECT THE ACTUAL COSTS. *
* FOR PRICE INFORMATION SEE HELP COST *

NEW
* PATENT NUMBERS (PN) AND BABS ACCESSION NUMBERS (BABSAN) CAN NOW BE SEARCHED, SELECTED AND TRANSFERRED.
* NEW DISPLAY FORMATS ALLREF, ALLP AND BABSAN SHOW ALL REFERENCES, ALL PATENT REFERENCES, OR ALL BABS ACCESSION NUMBERS FOR A COMPOUND AT A GLANCE.

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	15.07	536.92

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